IN THE CLAIMS:

1. (previously presented) A method for constructing a business application system by using a framework described by an object-oriented language, the method comprising the steps of:

preparing an abstract class group including (i) a system core class group, which has abstractly defined a basic structure and behavior of a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function, and (ii) a screen system class group, a report system class group and a business logic system class group, which respectively inherit said system core class group, wherein said three system class groups are related to each other through said system core class group so that said report system class group and said business logic system class group can start and terminate their processing on the basis of the data inputted through the screen provided by the screen system class group;

inheriting said screen system class group, said report system class group and said business logic system class group of said abstract class group to prepare a screen system functional group, a report system functional group and a business logic system functional group;

inheriting said system core class group of said abstract class group to prepare a system core functional group; and

integrating said screen system functional group, said report system functional group, said business logic system functional group and said system core functional group.

2. (previously presented) The method for constructing a business application system as set forth in claim 1, further comprising the step of preparing a common component group including plurality of common components commonly for use in said business application system, each of said common components having an interface with said abstract class group.

3. (previously presented) The method for constructing a business application system as forth in claim 1, wherein each of said system core class group, said screen system class group, said report system class group and said business logic system class group includes a plurality of abstract classes having a hierarchical structure based on at least one inheritance relationship.

4. (previously presented) The method for constructing a business application system as set forth in claim 1, wherein each of abstract classes included in each of said system core class group, said screen system class group, said report system class group and said business logic system class group includes an abstract method and a concrete method.

5. (original) The method for constructing a business application system as set forth I claim 1, wherein said integrating step compiles and links said screen system functional group, said report system function group, said business logic system functional group and said system core functional group.

6. (original) The method for constructing a business application system as set forth in claim 1, wherein said integrating step incorporates and screen system functional group, said report system functional group, said business logic system functional group and said system core functional group by means of a previously prepared inherent interface.

7. (previously presented) A computer-readable storage medium having stored a framework for a business application system, which has been described by an object-oriented language, said framework including:

an abstract class group which has abstractly defined a structure and behavior of a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function,

said abstract class group including (i) a system core class group, which has abstractly defined a basic structure and behavior of said business application system, and (ii) a screen system class group, a report system class group and a business logic system class group, which respectively inherit said system core class group, wherein said three system class groups are related to each other through said system core class group so that said report system class group and said business logic system class group can start and terminate their processing on the basis of the data inputted through the screen provided by the screen system class group.

8. (previously presented) The computer-readable storage medium having stored a framework for a business application system as set forth in claim 7, further including a common component group including a plurality of common components commonly for use in said business application system, each of said common components having an interface with said abstract class group.

9. (original) The computer-readable storage medium having stored a framework for a business application system as set forth in claim 7, wherein each of said system core class group, said screen class group, said report system class group and said business logic system class group of said abstract class group includes a plurality of abstract classes having hierarchical structure based on at least one inheritance relationship.

10. (original) The computer-readable storage medium having stored a framework for a business application system as set forth in claim 7, wherein each of abstract classes included in each of said system core class group, said screen system class group, said report system class group and said business logic system class group of said abstract class group includes an abstract method and a concrete method.

11. (previously presented) A computer-readable storage medium having stored a framework for a business application system, which includes a plurality of class groups which are described by an object-oriented language said framework including:

a system core class group having defined [the] manipulation of data in a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing

at least calculation or aggregation on the basis of the data inputted by the screen system function; and

a screen system class group, a report system class group and a business logic system class group inheriting said system class group;

wherein said screen system class group, said report system class group and said business logic system class group are related to each other through said system core class group so that said report system class group and said business logic system class group can start and terminate their processing on the basis of the data inputted through the screen provided by the screen system class group.

12. (previously presented) The computer-readable storage medium as set forth in claim 11, wherein said system core class group has defined the calling of a common component commonly for use in said business application system.

13. (previously presented) A computer-readable storage medium having stored a framework for a business application system, which includes a plurality of class groups which are described by an object-oriented language said framework including:

a system core class group having defined transmission and receiving of a request between functions in a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function; and

a screen system class group, a report system class group and a business logic class group inheriting said system class group;